



# END MILL Re-Sharpening Machine ERM-12

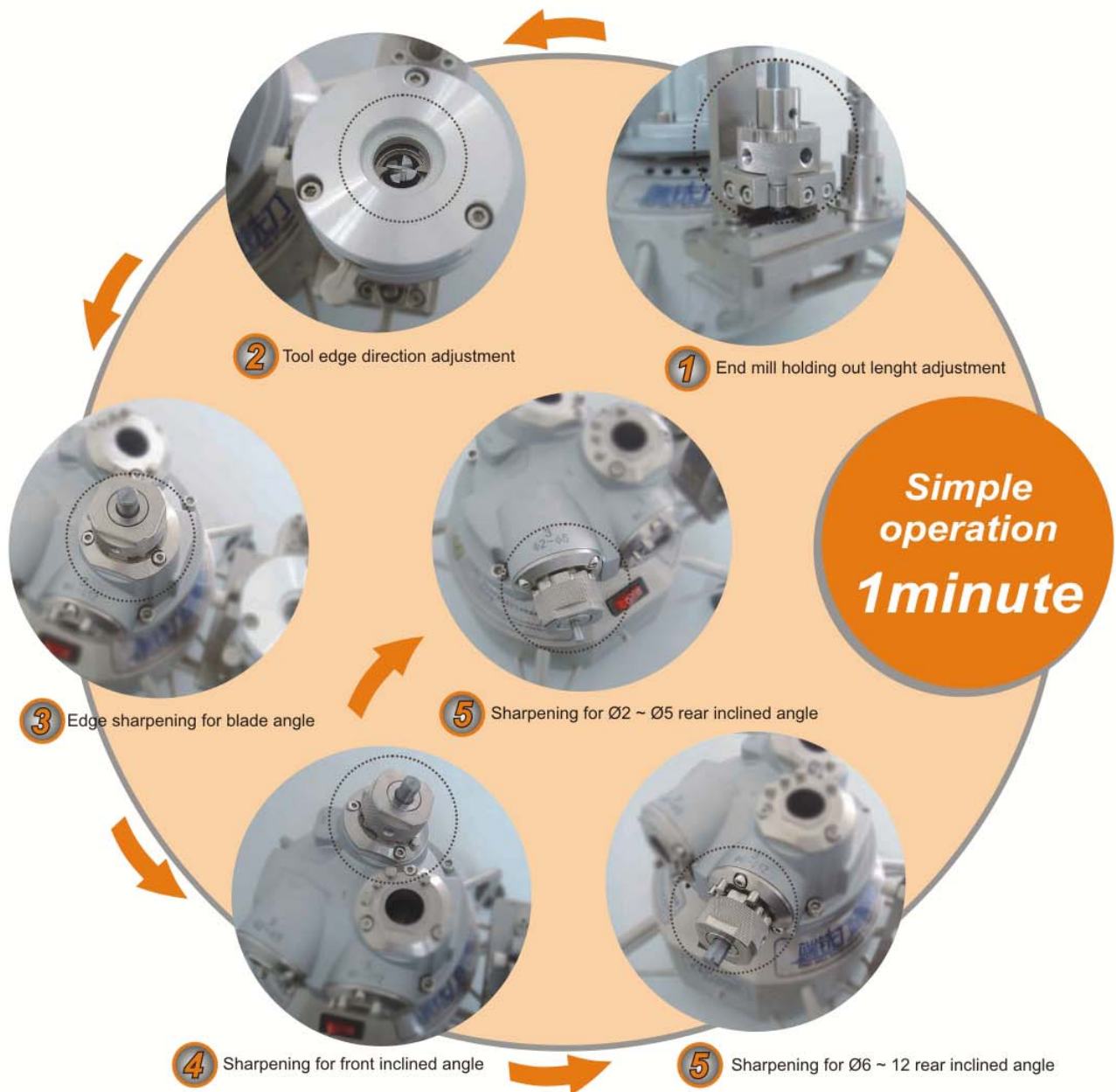


- Help achieving sharpening of 2flutes, 3flutes and 4flutes  $\varnothing 2 \sim \varnothing 12$  mill, without changing grinding wheel.
- Turn old end mill to new one within a minute.



➔ **Optimized structure design**

You only need to put the end mill in holding assembly, adjust the length and direction of tool edge, and then put the fixed end mill holding assembly to sharpening mouth and finish the sharpening for end mill by rotating and moving slightly.



➡ **Grinding wheel and four sharpening mouth grinding wheel hood developed independently**

Using one piece of grinding wheel, can achieve end mill sharpening for  $\varnothing 2 \sim \varnothing 12$



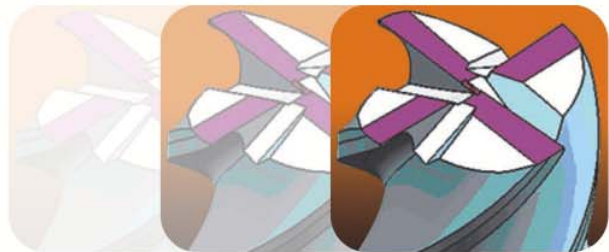
➡ **Unique end mill edge adjustment device**

Blade upward tool edge adjustment device. The adjustment for tool edge direction is easy; no matter how large the diameter is and the condition of friction, the adjustment should be accurate and fast.



➡ **Unique holding assembly design**

Different special holding assembly for different diameter & different number of flutes end mills, after sharpening, the end mill edge width and notched width and angle of tool edge will be as well as that of the new one.



## ➔ **The sharpening efficiency improves 5 to 10 times**

It is easy to operate, you only need to fix the holding assembly of the end mill and rotate and move it slightly after put it in sharpening for end mill can be finished in 1 minute which solves the problems of traditional sharpening machine such as complete operation procedures and long sharpening time.

## ➔ **Cut down cost for you**

You do not need to worry about high tool consumption any more and one old end mill can be sharpened for decades of times and only Rs. 50 to 60 for each time can turn the old end mill to be as good as a new one. Which cuts down application cost greatly.



## ➔ **Quality assurance**

The sharpening precision is high; after sharpening, the difference for tool angle is less than 0.01 mm, which can be applied a new one; if one need milling process, the flutes of mill can cut simultaneously to ensure the application life of end mill, which solves the problem that the precision is poor and the height is not even after sharpening; when processing, a tool edge will cut firstly and the end mill will be fractioned quickly, which leads to remnant materials in the product process and then affect the processing precision.

Model	ERM-12
Applicable diameters	Ø 2, Ø3, Ø4, Ø5, Ø6, Ø8, Ø10, Ø12
Applicable Flutes	2 flutes, 3 flutes, 4 flutes
Axial angles	Secondary clearance angle 6°, Primary relief angle 20°, End gash angle 30°
Grinding wheel	SDC#220 (CBN Choose)
Power supply	220V ± 10%AC
Motor output	300W
Rated speed	7000 rpm
Outer dimensions	290X260X230 (mm)
Weight	7.5 KG
Normal accessories	Collet, 2 flutes holder, 3 flutes holder, 4 flutes holder, case, Hexagon wrench, Brush power cord



Distributor of Machines & Machine Tool Accessories

### **K Engg. Products**

C/o. KTA Spindle Toolings, 246/9, Hinjewadi,  
Near Tata Johnson, Next to YES Bank, Tal. Mulshi,  
Dist. Pune - 411 057. Maharashtra, INDIA.  
Ph.: +91 20 66755862, Fax : +91 20 66755863,  
Skype : akshay.ashok.shah  
e-mail : info@kengproducts.com;  
Website : www.kengproducts.com

DEALERS STAMP